



SATABoy SC™

Flexible RAID Storage.....

ABOUT SATABOYSC

SATABoySC extends Nexsan's award-winning SATABoy™ product line to meet the needs of high capacity, multi-user environments utilizing SCSI or iSCSI connectivity. SATABoySC delivers unsurpassed features and functionality in a low profile, correct cost expandable package.

Nexsan designed SATABoySC for maximum flexibility and scalability. All of the critical components in the SATABoySC are user-pluggable, resulting in reliable data protection while empowering users to maximize the return on their Nexsan hardware investment.

FLEXIBLE PERFORMANCE

SATABoySC provides scalable capacity and robust performance across all standard platforms and operating systems. With four SCSI connectors, four daisy chain expansion ports and a single iSCSI connector per system, SATABoySC enables easy and flexible implementation into a wide range of environments. SATABoySC also offers the energy saving benefits of Nexsan's revolutionary AutoMAID™ technology. AutoMAID™ (Massive Array of Idle Disks) allows SATABoySC to place its disk drives to an idle state to conserve energy yet provide near-instantaneous access to data. SATABoySC's unique combination of high performance, energy savings and enormous capacity provides exceptional value that enhances all digital storage applications, such as live on-line data, digital video, broadcast/VOD and other mission critical applications.

KEY BENEFITS

Nexsan's award-winning RAID technology delivers failsafe 24/7 operation for uninterrupted business continuity. The SATABoySC ensures dependable hot swapping of high capacity drives with the flexibility to support even higher capacities. This advanced architecture allows single or multiple drives to be designated as hot spares and also allows remote firmware updates, which are supported using FTP.

WORLD CLASS RELIABILITY

The advanced hardware design of the SATABoySC is supported by Nexsan's Extreme Intelligence software, NexScan™, with sophisticated centralized management and monitoring. Tele-Guard™, Nexsan's phone home manager, provides monitoring and reporting of all system conditions. The SATABoySC's built-in NexScan management is platform independent with an intuitive design that simplifies installation and enables remote management and configuration of multiple arrays from a single GUI.



SATABOYSC

HIGHLIGHTS

- High performance SATA RAID built around the latest high-capacity disk drives.
- AutoMAID™ technology offers three levels of energy savings
- OS independent - No special software drivers required to connect to any host system.
- WorldView™ - Provides ability to manage and configure multiple units from a single GUI
- High performance / High-density - SATABoySC features 14 drives and high capacity in only 3U of rack space.
- Three Year Warranty - Advance Exchange, 24X7 Technical Support

TECHNICAL SPECIFICATIONS

Host Interface / Connectivity: 4 U160 SCSI connectors, 4 U160 SCSI expansion connectors, 1 iSCSI port

Controllers: Single Controller Availability / Cache Coherency

Drive Bay Size: 14 Bay / 3U

Cache: Up to 2GB

Battery Back-up: Yes

RAID Levels: 0, 1, 1+0, 4, 5 and 6

Sustained Data Rates: Up to 250 MB/sec

Luns Supported: 32

Power: Dual PSU - 400W / 286VA Fully redundant - Load balancing

Cooling: Quad Blowers



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CONFIGURATION AND MANAGEMENT

NexScan™ is our embedded web-enabled Graphical User Interface (GUI). The platform independence of the SATABoy series allows you to access your system from any standard Internet browser or from any host computer either directly connected or via a LAN or WAN with no software or patches required. You have the option of accessing the SATABoySC via the RS-232 serial port or interface to an ANSI terminal or emulator.

- Real-time event, hardware and thermal monitoring dynamically presented.
- Performance statistics monitoring; event logging, rebuild and verify utilities.

Information subject to change at any time.
Visit www.nexsan.com for the most current version.

